L Number	Hits	Search Text	DB	Time stamp
1	1891	mono$1lithic$1 near3 catalyst$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:26
2	920950	hydrogen or h?sub.2 or h2	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:27
3	577	(mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:28
4	451351	(hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:34
5	367	((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:34
6	221595	alumina or al?sub2o?sub.3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:36
7	17189	liquid near3 velocit$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:41
8	10	(((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation)) and (alumina or al?sub2o?sub.3) and (liquid near3 velocit$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:41
9	11	(mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation) and (liquid near3 velocit$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 15:38
10	1	((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation) and (liquid near3 velocit$3)) not ((((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation)) and (alumina or al?sub2o?sub.3) and (liquid near3 velocit$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 15:38

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5	367	((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:34
6	221595	alumina or al?sub2o?sub.3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:36
7	17189	liquid near3 velocit$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:41
8	10	(((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation)) and (alumina or al?sub2o?sub.3) and (liquid near3 velocit$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 14:41
9	11	(mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation) and (liquid near3 velocit$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 15:38
10	1	((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation) and (liquid near3 velocit$3)) not ((((mono$1lithic$1 near3 catalyst$1) and (hydrogen or h?sub.2 or h2)) and ((hydrotreat$4 or treat$4 or remov$3) with (sulfur$1 or nitrogen or metal$1 or oxygen$3) or hydro$1desulfur$5 or hydrodenitrogen$5 or hydrodemetallation or hydrodeoxygenation)) and (alumina or al?sub2o?sub.3) and (liquid near3 velocit$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 15:38

11	299954	surface adj area$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 16:59
12	21183	pore$1 adj diameter$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 16:59
13	2332	void$2 near2 fraction$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 17:01
14	3	(mono$1lithic$1 near3 catalyst$1) and (surface adj area$1) and (pore$1 adj diameter$1) and (void$2 near2 fraction$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/07/10 17:01